OIPE

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/050,873   TIME: 07:35:13

Input Set : A:\PZ029P2seqlist.txt
Output Set: N:\CRF3\02072002\J050873.raw

ENTERED

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      1 <110> APPLICANT: Ruben et al.
      3 <120> TITLE OF INVENTION: 94 Human secreted proteins
      5 <130> FILE REFERENCE: PZ029P2
C-->  7 <140> CURRENT APPLICATION NUMBER: US/10/050,873
      8 <141> CURRENT FILING DATE: 2002-01-18
     10 <150> PRIOR APPLICATION NUMBER: 60/263,230
     11 <151> PRIOR FILING DATE: 2001-01-23
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     14 <151> PRIOR FILING DATE: 2001-01-24
     16 <150> PRIOR APPLICATION NUMBER: 09/461,325
     17 <151> PRIOR FILING DATE: 1999-12-14
     19 <150> PRIOR APPLICATION NUMBER: PCT/US99/13418
     20 <151> PRIOR FILING DATE: 1999-06-15
     22 <150> PRIOR APPLICATION NUMBER: 60/089,507
     23 <151> PRIOR FILING DATE: 1998-06-16
     25 <150> PRIOR APPLICATION NUMBER: 60/089,508
     26 <151> PRIOR FILING DATE: 1998-06-16
     28 <150> PRIOR APPLICATION NUMBER: 60/089,509
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     32 <151> PRIOR FILING DATE: 1998-06-16
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     37 <150> PRIOR APPLICATION NUMBER: 60/090,113
     38 <151> PRIOR FILING DATE: 1998-06-22
     40 <160> NUMBER OF SEQ ID NOS: 550
     42 <170> SOFTWARE: PatentIn Ver. 2.0
     44 <210> SEQ ID NO: 1
     45 <211> LENGTH: 733
     46 <212> TYPE: DNA
     47 <213> ORGANISM: Homo sapiens
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     51 aattcgaggg tgcaccgtca gtcttcctct tccccccaaa acccaaggac accctcatga    120
     52 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg    180
     53 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg    240
     54 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact    300
     55 ggctgaatgg caaggagtac aagtgcaagg tctccaacaa agccctccca acccccatcg    360
     56 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc    420
     57 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct    480
     58 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga    540
     59 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg    600
     60 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc    660
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    61 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc   720
    62 gactctagag gat   733
    64 <210> SEQ ID NO: 2
    65 <211> LENGTH: 5
    66 <212> TYPE: PRT
    67 <213> ORGANISM: Homo sapiens
    69 <220> FEATURE:
    70 <221> NAME/KEY: Site
    71 <222> LOCATION: (3)
    72 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally ocurring L-amino acids
    74 <400> SEQUENCE: 2
    75 Trp Ser Xaa Trp Ser
    76   1   5
    78 <210> SEQ ID NO: 3
    79 <211> LENGTH: 86
    80 <212> TYPE: DNA
    81 <213> ORGANISM: Artificial Sequence
    83 <220> FEATURE:
    84 <221> NAME/KEY: Primer_Bind
    85 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site
    86   found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
    87   (1994)), 18 nucleotides complementary to the SV40 early promoter,
    88   and a Xho I restriction site.
    90 <400> SEQUENCE: 3
    91 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc   · 60
    92 cccgaaatat ctgccatctc aattag   86
    94 <210> SEQ ID NO: 4
    95 <211> LENGTH: 27
    96 <212> TYPE: DNA
    97 <213> ORGANISM: Artificial Sequence
    99 <220> FEATURE:
   100 <221> NAME/KEY: Primer_Bind
   101 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promter;
includes a
   102   Hind III restriction site.
   104 <400> SEQUENCE: 4
   105 gcggcaagct ttttgcaaag cctaggc   27
   107 <210> SEQ ID NO: 5
   108 <211> LENGTH: 271
   109 <212> TYPE: DNA
   110 <213> ORGANISM: Artificial Sequence
   112 <220> FEATURE:
   113 <221> NAME/KEY: Protein_Bind
   114 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
GAS
   115   binding sites found in the IRF1 promoter (Rothman et al., Immunity
   116   1:457-468 (1994)).
   118 <400> SEQUENCE: 5
   119 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg   60
   120 aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcccatccc   120
   121 gcccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa tttttttttat   180

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122 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
123 ttttggaggc ctaggctttt gcaaaaagct t                                     271
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126 <211> LENGTH: 32
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <221> NAME/KEY: Primer_Bind
132 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
133        sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
134        Xho I restriction site.
136 <400> SEQUENCE: 6
137 gcgctcgagg gatgacagcg atagaacccc gg                                     32
139 <210> SEQ ID NO: 7
140 <211> LENGTH: 31
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <221> NAME/KEY: Primer_Bind
146 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
147        sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
148        Hind III restriction site.
150 <400> SEQUENCE: 7
151 gcgaagcttc gcgactcccc ggatccgcct c                                      31
153 <210> SEQ ID NO: 8
154 <211> LENGTH: 12
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 8
159 ggggactttc cc                                                           12
161 <210> SEQ ID NO: 9
162 <211> LENGTH: 73
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <221> NAME/KEY: Primer_Bind
168 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding
site
169        (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the
170        SV40 early promoter sequence, and a XhoI restriction site.
172 <400> SEQUENCE: 9
173 gcggcctcga ggggactttc ccgggggactt tccggggact ttccgggact ttccatcctg      60
174 ccatctcaat tag                                                          73
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 256
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <221> NAME/KEY: Protein_Bind
183 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
NF-KB
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184        binding sites.
186 <400> SEQUENCE: 10
187 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct     60
188 caattagtca gcaaccatag tcccgcccct aactccgccc atcccgcccc taactccgcc    120
189 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga    180
190 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg    240
191 cttttgcaaa aagctt                                                    256

193 <210> SEQ ID NO: 11
194 <211> LENGTH: 899
195 <212> TYPE: DNA
196 <213> ORGANISM: Homo sapiens

198 <400> SEQUENCE: 11
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200 cacccatggc aaagacagat tttagtataa tactcctaaa actacactgt cttttttttt    120
201 tttctgtcat aagtgtgcat tgtgctcagt catttatttc agtgacccaa acagagccca    180
202 gtccagctgt ttgtattttc cctgcagtgg gaagtggact agggccatgt gactaagaaa    240
203 gccagcctgg gggctgtctt ttcacctaca gatgttttaa tgtgcttaac attatccaat    300
204 actagcaacc gagatagtct aaataccaca gcaggatctg attagctttt tcagatcact    360
205 gcctttattt gctgtttgca aaaaagctta atccagtgct agagatcagg cttcctgctg    420
206 agccctgggg tagtttctct cattctttgt gttcacagtg gcaggcgtta gtgagcagat    480
207 tcctcctcct cctaaattaa agctgtaaag tagtaactgt agtagcaagg gataaagaga    540
208 aggaagaaaa cccaagggaa aaaagaagac tgtctattca taccaagtag tttccttgat    600
209 atacacaaaa gaaagagttt ctaatatgaa ttcataaata ctgacctcag tgtctcttct    660
210 actcagtgca cagctattaa gttttattag gtttcagttg taactacttt gtgtggatat    720
211 atgttacgtt tttcatattt atcctactca atcaatctca gttttaccag aagaattaca    780
212 tttattagcc ataacagtgg cccttctctt attcttttca gggctgatat cttttttatt    840
213 catgagattt caaaaagaac tatcaccacc actaacaaaa aaaaaaaaaa aaaaaaaaa     899

215 <210> SEQ ID NO: 12
216 <211> LENGTH: 1140
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens

220 <400> SEQUENCE: 12
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222 ccttcttgtg gggtcacggt cacctttcca cagtacagga cttcgaactt ctgagagttg    120
223 taaaaggcgt cctcattatc tttgctgggt ttggcatcct ctttcatggc cgmtttagat    180
224 aattgcctta tgctgctaat aacatcagga acctggctgg ggtctgtggc gcggaaaacg    240
225 tggcaggcca tctgcgactc ggggtcgtcg ggctgcgcct tgatcaggta ggcaaagtag    300
226 gtgaggtcgt ggctgttgtg gatgaagcgc gagatatgct gcgccttgtg ctcgaagatg    360
227 aataccgccg ggttgggctg cgtggccgac ggactagtgc cccccgaggc cccagcgccc    420
228 ggcgcgggga cgcaacgcag gaagggcgcg ctgagcacca ggatcacctc tcgggccgcc    480
229 ggcgccccgc agccgccgc ctcgggcttc tggctgcgcc tgcggatctc ggccatgagc    540
230 cagggcagca taggcagcgt ggtcctgtgg tccaggcacg acccccccaac gtaccacagc    600
231 cggaaccgct tatcgcttgg cttcccgggg ccgggctgag ctgagacgcc cggctcgggc    660
232 tccagggggt gcgggaacgg ctcatcctga atgcagctgg gcggctycat aactctcgcc    720
233 tcaccagggc accgcggagg ccggccgggc gcaccgcgcc ccccactccc gcgcagaagg    780
234 cgccgccgaa actgtgccaa ctgccgcacc gggctyccgc gcctgcctgg gagcggcgcg    840
235 accccgaact ccgcgcttca gcagccctgc cccatgcagc acttccacgg gcgcggctcg    900
236 gaggctccgg cggcgggcac cgaggcaagc gcccggcagg cgagggcggg ttaaatgggc    960
237 atcctcctcc tcgggctggc gcctcgggca ggacctcccc ttcctccgtc gcgggtttgc   1020
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238 agggtcagag gaccacgccg agggtccccg cggccgctct agaggatccc tcgaggggcc   1080
239 caagcttasg cgtgcatgsg acgtcatagc taatctccct atagggagtt gcaaaagggt   1140
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242 <211> LENGTH: 1445
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 13
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248 gaaggccaag gaagactgac ctgaggggaa aggagaaact ggggaggtga ggtctactac    120
249 tcaacaggat attcttcaag gaaaatgaac cccacactag gcctggccat ttttctggct    180
250 gttctcctca cggtgaaagg tcttctaaag ccgagcttct caccaaggaa ttataaagct    240
251 ttgagcgagg tccaaggatg gaagcaaagg atggcagcca aggagcttgc aaggcagaac    300
252 atggacttag gctttaagct gctcaagaag ctggcctttt acaaccctgg caggaacatc    360
253 ttcctatccc ccttgagcat ctctacagct ttctccatgc tgtgcctggg tgcccaggac    420
254 agcaccctgg acgagatcaa gcaggggttc aacttcagaa agatgccaga aaaagatctt    480
255 catgagggct tccattacat catccacgag ctgacccaga agacccagga cctcaaactg    540
256 agcattggga acacgctgtt cattgaccag aggctgcagc cacagcgtaa gttttttggaa    600
257 gatgccaaga acttttacag tgccgaaacc atccttacca actttcagaa tttggaaatg    660
258 gctcagaagc agatcaatga ctttatcagt caaaaaaccc atgggaaaat taacaacctg    720
259 atcgagaata tagaccccgg cactgtgatg cttcttgcaa attatatttt ctttcgagcc    780
260 aggtggaaac atgagtttga tccaaatgta actaaagagg aagatttctt tctggagaaa    840
261 aacagttcag tcaaggtgcc catgatgttc cgtagtggca tataccaagt tggctatgac    900
262 gataagctct cttgcaccat cctggaaata ccctaccaga aaaatatcac agccatcttc    960
263 atccttcctg atgagggcaa gctgaagcac ttggagaagg gattgcaggt ggacactttc   1020
264 tccagatgga aaacattact gtcacgcagg gtcgtagacg tgtctgtacc cagactccac   1080
265 atgacgggca ccttcgacct gaagaagact ctctcctaca taggtgtctc caaaatcttt   1140
266 gaggaacatg gtgatctcac caagatcgcc cctcatcgca gcctgaaagt gggcgaggct   1200
267 gtgcacaagg ctgagctgaa gatggatgag aggggtacgg aaggggccgc tggcaccgga   1260
268 gcacagactc tgcccatgga gacaccactc gtcgtcaaga tagacaaacc ctatctgctg   1320
269 ctgatttaca gcgagaaaat accttccgtg ctcttcctgg gaaagattgt taaccctatt   1380
270 ggaaaataaa ggagaattcc tgcttgccac agaccccgaa aaaaaaaaa aaaaagggcg   1440
271 gccgc                                                                1445
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274 <211> LENGTH: 1208
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276 <213> ORGANISM: Homo sapiens
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280 <222> LOCATION: (9)..(9)
281 <223> OTHER INFORMATION: n equals a,t,g, or c
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284 <221> NAME/KEY: misc_feature
285 <222> LOCATION: (59)..(59)
286 <223> OTHER INFORMATION: n equals a,t,g, or c
288 <220> FEATURE:
289 <221> NAME/KEY: misc_feature
290 <222> LOCATION: (79)..(79)
291 <223> OTHER INFORMATION: n equals a,t,g, or c
293 <220> FEATURE:
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

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```
L:7 M:270 C: Current Application Number differs, Replaced Current Application Number
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
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L:2248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71